

## How to Add GUI Transaction As A Tile To Fiori



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Active Contributor

2023 Jun 21 3:57 PM



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Hi,

Fiori web interface is on its way to be the main interface for SAP. Many new applications are developed just for Fiori and may not exist on SAP GUI anymore. Although Fiori has a lots of new applications, we still may want prefer to use SAP GUI transaction.

For that SAP provides ability to us, to add SAP GUI transaction as Tile.

In this blog post, I will show you how to do that via Fiori Designer page.

Here are summarized steps:

1. Create a workbench request to transfer new Fiori catalogs, groups and tiles.
2. Open Fiori Content Manager: Cross-Client, Transaction Code :  
**/UI2/FLPCM\_CONF**. With **cross client** manager, you can assign TR for your changes. And click "open in designer", which will open Fiori web interface. Note: There is also /UI2/FLPCM\_CUST tcode, that is client specific!
3. Find Fiori catalog and go to Target Mapping tab. If catalog does not exists, create a new one.
4. Add new target mapping. Give a semantic object. You can concatenate description without spaces and tcode

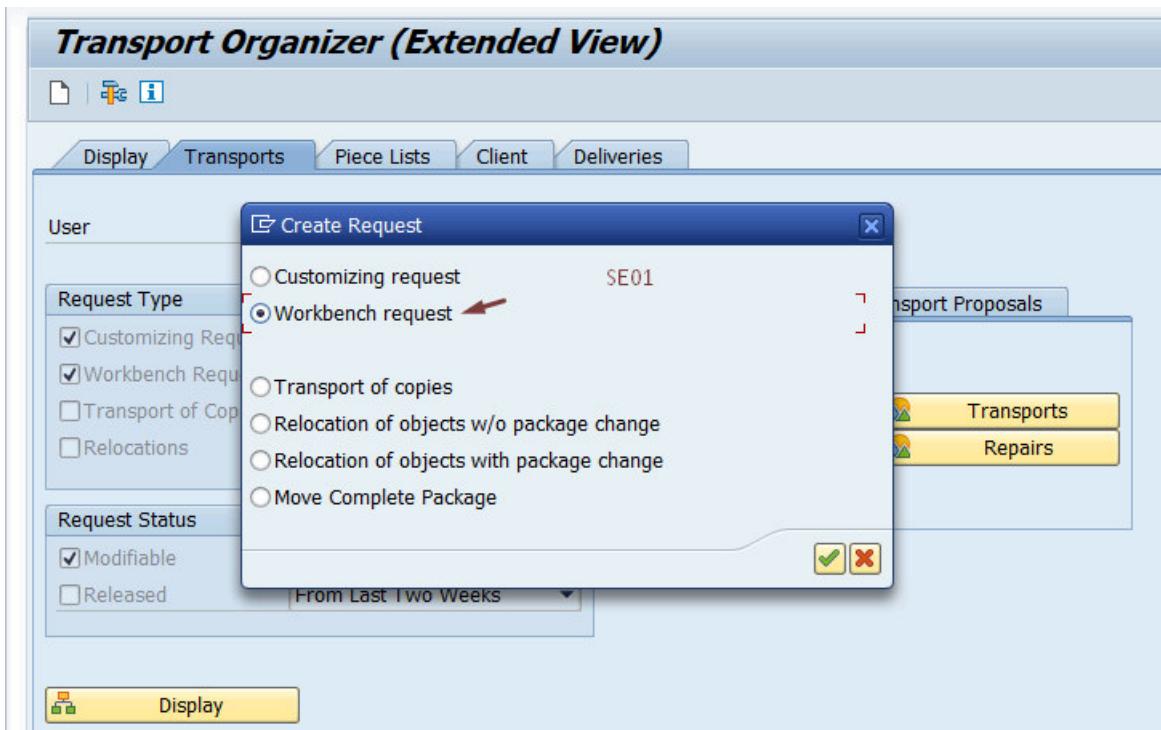
5. Go to Tiles tab and add new tile. Choose App Launcher - Static. Use semantic object you have used in target mapping
6. Go to groups. Find your group or create if does not exists.
7. Click Add Tile, choose catalog of your tile and click add icon.

That is all with adding transaction as tile.

To be able to see that catalog and tile, you need to add a role and catalog and group to that role.

And here are the screen shots of steps;

1. Create a workbench request to transfer new Fiori catalogs, groups and tiles.



2. Open Fiori Content Manager: Cross-Client, Transaction Code : /UI2/FLPCM\_CONF. With cross client manager, you can assign TR for your changes. And click "open in designer", which will open Fiori web interface. Note: There is also /UI2/FLPCM\_CUST tcode, that is client specific!

**Launchpad Content Manager: Cross-Client (Configuration)**

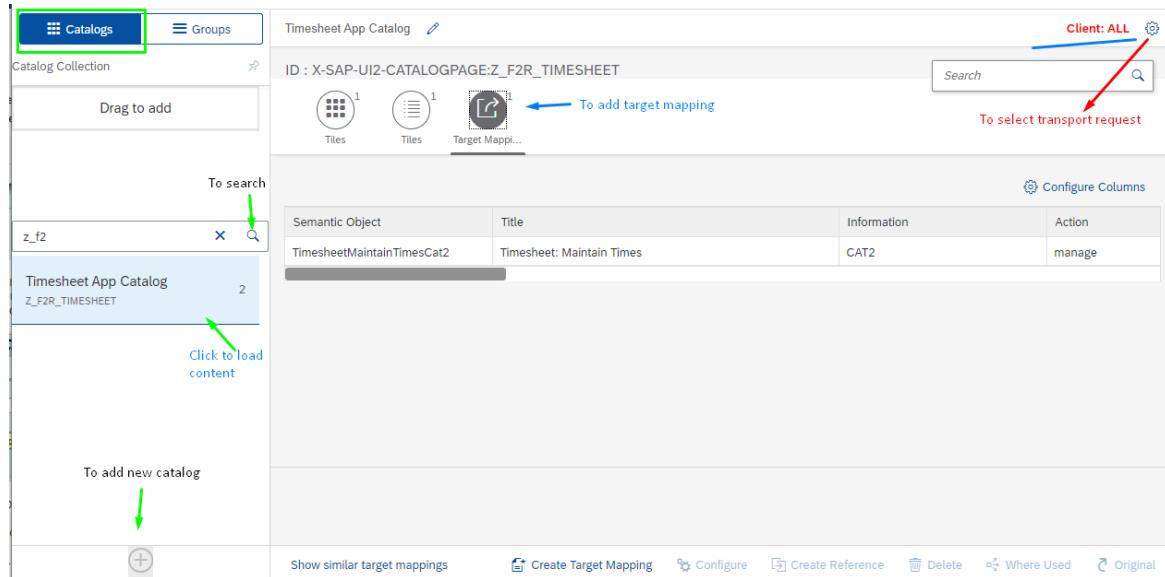
Catalogs / Tiles/Target Mappings

Search Catalogs  Go

Catalogs (1925) 



- Find Fiori catalog and go to Target Mapping tab. If catalog does not exists, create a new one.



Catalogs

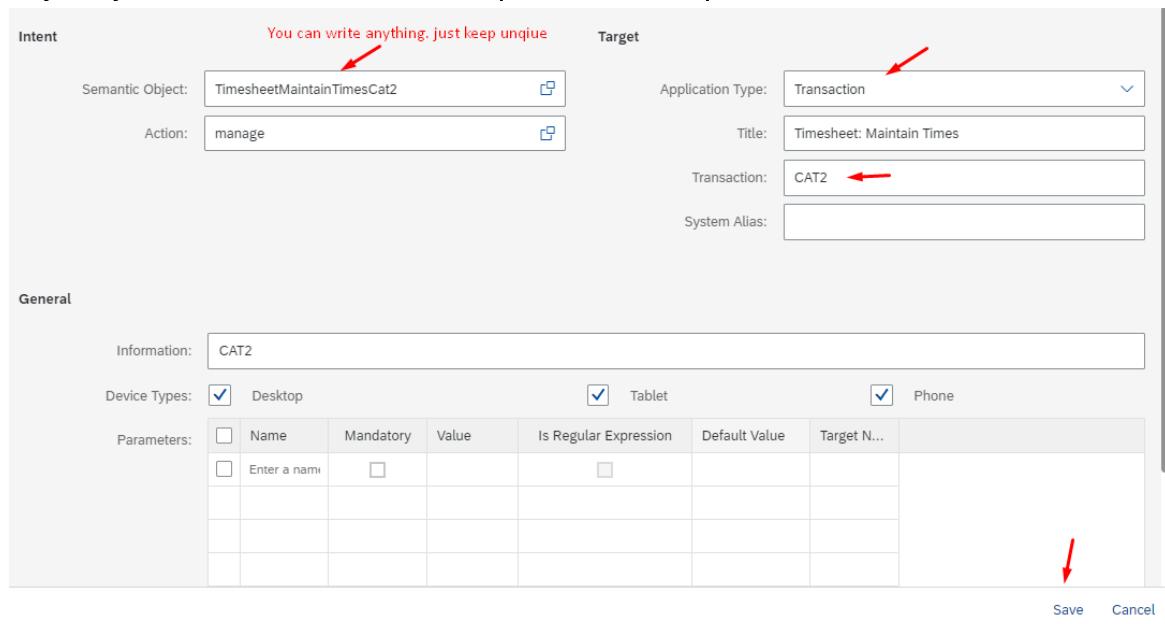
To search

To add new catalog

To add target mapping

To select transport request

- Add new target mapping. Give/create a semantic object. To create a new semantic object, you can concatenate description without spaces and tcode.



Intent

You can write anything, just keep unique

Semantic Object: TimesheetMaintainTimesCat2

Action: manage

Target

Application Type: Transaction

Title: Timesheet: Maintain Times

Transaction: CAT2

System Alias:

General

Information: CAT2

Device Types: Desktop, Tablet, Phone

Name	Mandatory	Value	Is Regular Expression	Default Value	Target N...
Enter a name					

Save Cancel

- Go to Tiles tab and add new tile. Choose App Launcher - Static. Use semantic object you have used in target mapping.

The screenshot shows the SAP Fiori Launchpad Catalogs interface. At the top, there are tabs for 'Catalogs' and 'Groups'. Below the tabs, a search bar contains the ID: X-SAP-U12-CATALOGPAGE:Z\_F2R\_TIMESHEET. On the left, a sidebar shows a catalog collection named 'z\_f2' with a count of 2, and a sub-section for 'Timesheet App Catalog' with ID Z\_F2R\_TIMESHEET. A red arrow points from the sidebar to the 'Tiles' icon in the main area. Another red arrow points to a plus sign (+) button labeled 'To add a new tile'.

**Select a tile template:**

- App Launcher – Dynamic:** Displays dynamic content read from a data source.
- News Tile:** News Tile.
- App Launcher – Static:** Displays static text and icons that can be configured. A red arrow points to this option.

**Configure: 'Timesheet: Maintain Times'** (Instance ID: 00A9VT84UPPB1AS1SUV3H9PDL)

**General**

- Title: Timesheet: Maintain Times
- Subtitle: Enter Time
- Keywords: (empty)
- Icon: sap-icon://timesheet
- Information: CAT2

**Navigation**

- Use semantic object navigation:  (red arrow)
- Semantic Object: TimesheetMaintainTimesCat2
- Action: manage
- Parameters: (empty)
- Target URL: #TimesheetMaintainTimesCat2-manage

**Good to give TCode here,  
So it can be searched in Fiori with TCode**

**Tile Actions**

<input type="checkbox"/>	Menu Item	Target Type	Navigation Target	Action	Icon
<input type="checkbox"/>	URL	<input type="text"/>		<input type="text"/>	sap-ic...
<input type="checkbox"/>					
<input type="checkbox"/>					
<input type="checkbox"/>					

**Buttons:** Add, Remove, Save (red arrow), Cancel

6. Go to groups. Find your group or create if does not exists.

Click to your group

Click to add tile from catalog

Show as Tiles

Timesheet: Maintain Times Enter Time  
CAT2

Show as Links

Add Tile to Group 'Timesheet App Group'

SAP\_NW\_BE\_APPS

Find your catalog

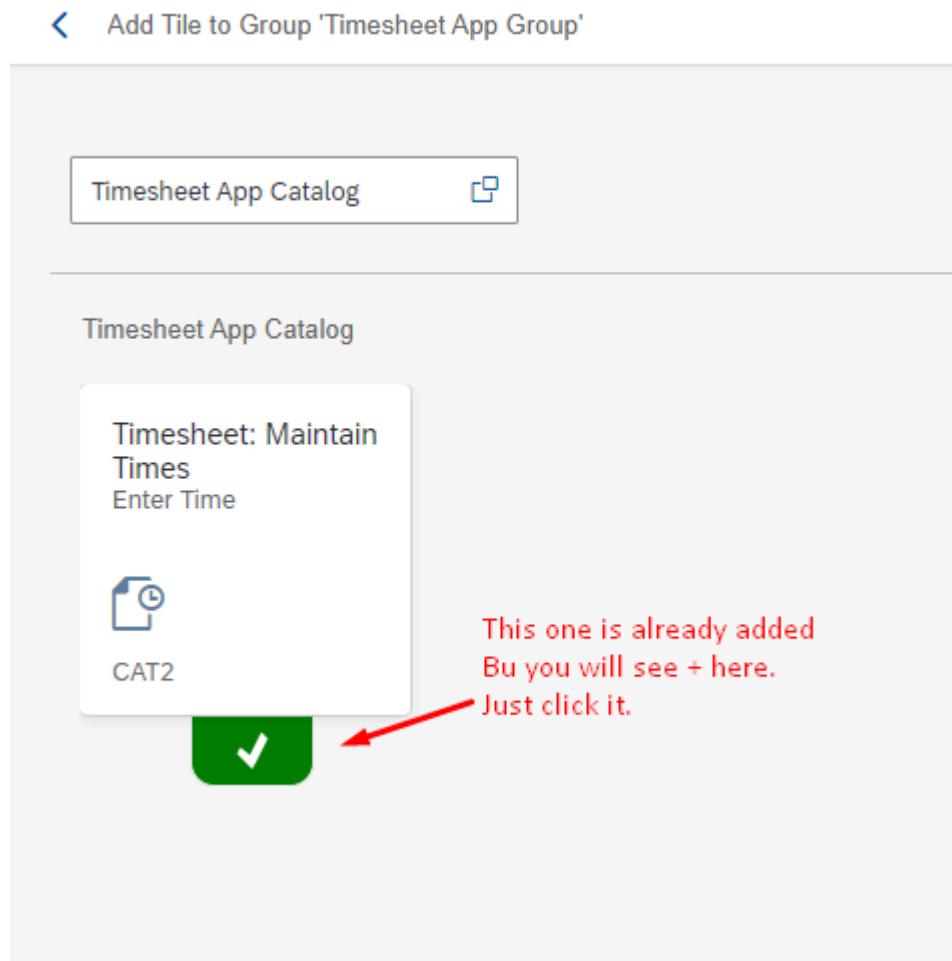
SAP\_NW\_BE\_APPS

Message Dashboard SAP Application Inte...

Interface Monitor SAP Application Inte...

Error Handling Changes Log

7. Click Add Tile, choose catalog of your tile and click add icon.



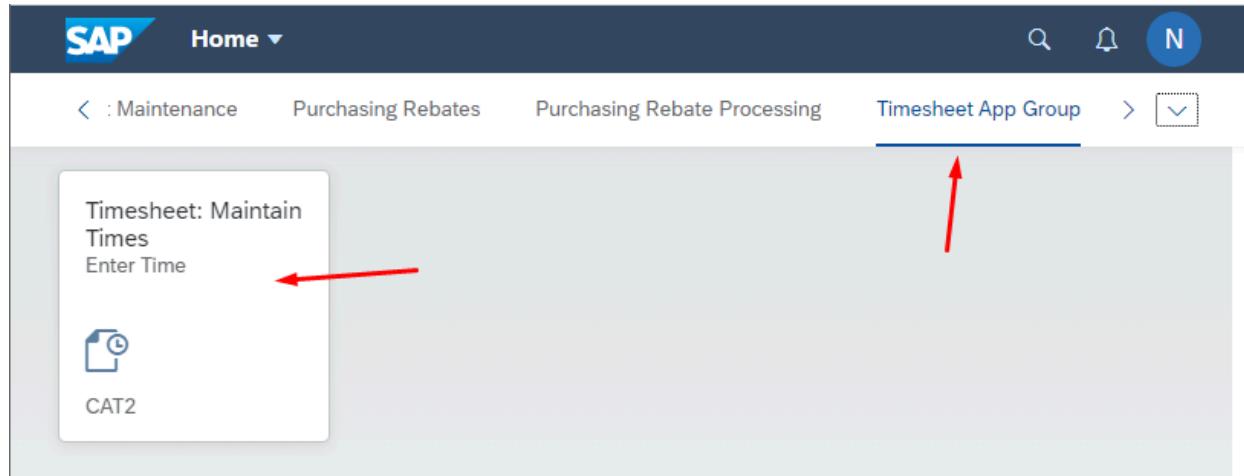
That is all to add a gui transaction as a Fiori tile.

Now, lets add that catalog and group to a role and assign that role to our user. Create a role if it does not exists. Go to PFCG transaction.

The screenshot shows the 'Change Roles' transaction (PFCG). A role named 'ZARD' is selected. The 'Transaction' tab is active. In the hierarchy tree, a node 'Z\_F2R\_TIMESHEET' is selected. A context menu is open over this node, showing options like 'Transaction', 'Report', etc., with 'Launchpad Catalog' and 'Launchpad Group' highlighted in yellow and enclosed in a red box. A red arrow from the previous screenshot points to this node in the hierarchy.

Already added in that one.

If that role is added to our user, we are ready to launch Fiori. Run TCode "/UI2/FLP" or open Fiori URL.



Finally we have sap gui app in Fiori web environment. In that way you can use existing GUI apps in Fiori environment too.

Hope that post was helpful for you.

Thanks for reading.

## Comments



former\_member868823 Member

2023 Jul 24  
10:23 AM

Hello Beyhan,

The blog made a very simple explanation, thank you.

I have a question. What would we do if we had a t-code on the back end and a launchpad on the front end in this process? We can work with a method where the T-code and launchpad are on the same system, but how should we work on separate systems? If there is an example related to this, I would be very pleased if you could share it.

F

ferdisaribal Explorer

2023 Sep 01  
10:07 AM

You should fill system-alias inbox on target mapping (4th step). If it is empty it means local (gateway-backend at same server). You can ask to your basis or fiori developer for system-alias info.



MRobalinho Active Contributor

2023 Nov 05  
7:44 PM

Good hint!

A

pellega0905 Explorer

2023 Dec 18  
1:47 PM

excellent post!



beyhan\_meyrali Active Contributor

2024 Feb 07  
8:48 AM

edited

2024 Feb 07

9:27 AM

- edited

Hi,

If Fiori server is different than ERP server, you need to maintain system alias in target mapping.

To Maintain System Aliases;

[https://help.sap.com/docs/FIORI\\_TECHNOLOGY/d71464d9f3204ea8be1144d62acd9ac3/b7815652f4c2722de1000000...](https://help.sap.com/docs/FIORI_TECHNOLOGY/d71464d9f3204ea8be1144d62acd9ac3/b7815652f4c2722de1000000...)

In Customizing for SAP NetWeaver, choose UI Technologies SAP Fiori Initial Setup Connection Settings (Front-End Server to ABAP Back-End Server) Define SAP System Alias.



milangelalares Discoverer

2024 Feb 15

8:19 AM

Best post ever 😊



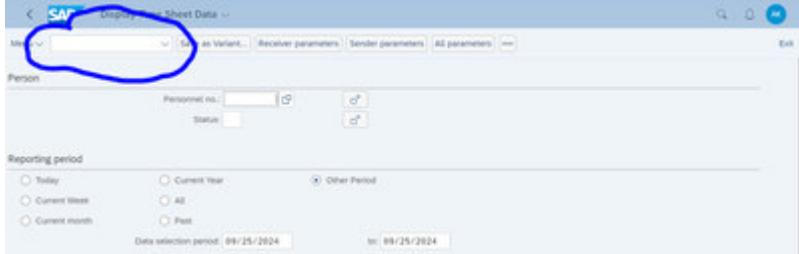
Abhi7136 Explorer

2024 Sep 25

9:33 AM

Hi @beyhan\_meyrali,

The blog is quite nice, I have one query regarding opening Tcode through Fiori Launchpad: Can we restrict users to the only Tcode for which we have created tile? Actually there is an option to navigate to other Tcode in the same screen.



So, is it anyhow possible to remove this box or restrict users to this tcode only when opening from Fiori tile?

#SAP Fiori #SAP Fiori Launchpad

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